

(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property Organization
International Bureau



(43) International Publication Date
6 November 2003 (06.11.2003)

PCT

(10) International Publication Number
WO 03/092031 A1

(51) International Patent Classification⁷: H01J 5/60, H01K 1/46

(21) International Application Number: PCT/IN02/00113

(22) International Filing Date: 26 April 2002 (26.04.2002)

(25) Filing Language: English

(26) Publication Language: English

(71) Applicant (for all designated States except US):
PHOENIX LAMPS INDIA LIMITED [IN/IN]; 59-A,
N.E.P.Z., Noida Phase II, Dist. Gautam Budh Nagar, Uttar
Pradesh - 201 305 (IN).

(72) Inventor; and

(75) Inventor/Applicant (for US only): BHAGWAT, Ra-
machandra, Shrikrishna [IN/IN]; "Punarwasu", 47,
Sahavas Cooperative Society, Karvenagar, Pune - 411 052,
Maharashtra (IN).

(74) Agents: SUBRAMANIAM, Hariharan et al.; Attorneys-et-law & Patent Agents of Subramaniam, Nataraj & Associates, E-556, Greater Kailash-II, New Delhi - 110 048 (IN).

(81) Designated States (national): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZM, ZW.

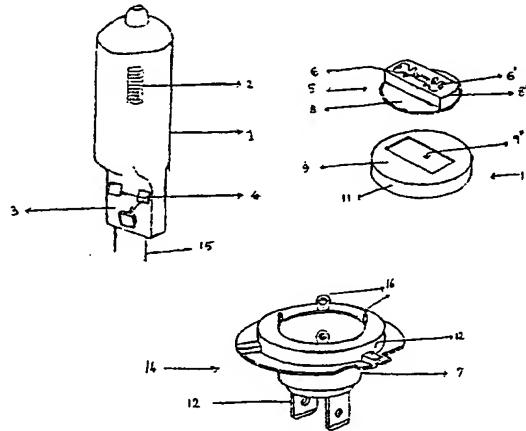
(84) Designated States (regional): ARIPO patent (GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

Published:

— with international search report

[Continued on next page]

(54) Title: INCANDESCENT ELECTRIC LAMP AND SOCKET ASSEMBLY



A1

(57) Abstract: An incandescent lamp assembly is characterised by adapter (5) and adjustment collar means. The assembly essentially comprises a single ended capsule (1) having a press seal (3) thereof. One or more filaments (2) are located inside the capsule (1) and current connection leads (15) extend from the press seal (3). The adapter means (5) has an elevated or stepped up portion (8') having a slit (6') through said elevated or stepped up portion (8') thereof for receiving the press seal portion (3) of said capsule (1). In addition, an adjustment collar (10) has a flat surface and downwardly extending sidewalls (11), said adapter means (5) being weldably mounted on said adjustment collar (10), said adjustment collar (10) having an opening (9') for receiving at least a part of said press seal portion (3) and current connection leads (15), while a socket means (14) is closed at one end with an insulated material in which the said electrical connection leads (15) are embedded, the open upper portion of the socket (14) means receiving said adjustment collar (10) in a snug yet adjustable manner; one or more weld means (16) for weldably connecting said socket means (14) to said adjustment collar (10) and a pair of connection prongs (12) extending outwardly and downwardly from said insulating material.

WO 03/092031 A1